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AUTHOR:

(8) NA

None given

TITLE:

(6) Synthesis of cyclobutadiene

PERIODICAL:

(15) *(trans. from)* Przegląd Techniczny, no. 3, (1963)

TEXT:

Cyclobutadiene has been synthesized, for the first time, as a compound with Ag salts, at the Chemical Research Center of the Academy of Sciences of the Rumanian People's Republic, under the direction of K.D. Nekicescu. Butadiene synthesis has been attempted over the past 50 years in many countries, but proved unsatisfactory owing to the instability of this compound. Chemical structure of cyclobutadiene was determined by the physical properties, i.e. by ir and NMR spectra. The synthesis of cyclobutadiene possesses considerable theoretical and practical value.

[Abstracter's note: Complete translation]

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